Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 01 Aug 2023 until 23:59 on Wednesday 02 Aug 2023

Forecast Issued on Monday 31 Jul 2023 at 14:15

Confidence: High confidence for a continuation of unsettled condtions, but some uncertainty regarding track of low pressure system and rain on Wednesday.

Headline for Tuesday 01 Aug 2023: Largely cloudy with patchy rain, but steadily becoming drier and brighter through the afternoon.

Mountain weather hazards on Tuesday 01 Aug 2023

Blizzards
No Likelihood

Gales
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Light rain	Light rain	Cloudy	Cloudy	Sunny intervals	Partly cloudy (night)
Precipitation probability							
20%	30%	60%	50%	40%	30%	20%	10%

Forecast for Tuesday 01 Aug 2023

Weather: Becoming dry for a time overnight, however cloud thickening once again towards dawn, brigning intermittent rain and drizzle. This most likely across western uplsopes, with some sheltered eastern parts taying largely dry. Rain easing in the afternoon as it becomes progressibel brighter, although the odd shower is still possible. Largely dry through the evening with patchy cloud.

Chance of cloud-free hill tops above 600m: 30-40%, increasing in the afternoon to around 90% by 1500.

Low cloud and visibility: Generally good, but poor in rain and drizzle, with widespread cloud above 500-600m and patches down to 400m. Cloud gradually lifting and breaking in the afternoon, with visibilty becoming good to very good, but reducing to 5-10km in any showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Tuesday 01 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/29 W	23/31 W	23/30 W	23/30 W	20/28 W	18/25 W	12/17 W	8/11 S	9/14 SE
300	16/24 W	17/26 W	17/24 W	18/26 W	16/24 W	14/21 W	9/13 W	5/8 S	7/11 SE
Valley	11/23 W	12/24 W	11/23 W	13/25 W	12/23 W	11/22 W	7/14 W	4/9 SE	6/12 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/7	10/6	10/6	11/7	12/8	12/9	12/10	11/9	11/9
300	13/10	12/9	12/9	13/10	14/11	15/12	15/13	13/12	13/12
Valley	13/12	13/10	12/10	13/11	14/12	15/13	15/14	14/13	13/12
Freezing Level*	2400m	2300m	2600m	2600m	2600m	2600m	2600m	2500m	2700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts of 30-40mph possible through the morning.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 30 Jul 2023	0.2mm	0.4mm	0.6mm

Forecast for Wednesday 02 Aug 2023

Weather: Intially dry, but a band of heavy rain spreading across the region later on Tuesday night. This clearing to showers on Wednesday morning. Occasional showers will continue through the rest of the day. These will be heavy at times, with a risk of thunderstorm activity.

Maximum wind: Winds increasing in the evening, North/northeasterly 15-20mph, gusting 30-35mph.

Chance of cloud-free hill tops above 600m: 90% decreasing to around 20% by Wednesday morning. Chances increasing to around 60-70% in the afternoon, but reducing again in the evening.

Low cloud and visibility: Generally good, but poor to moderate in rain or showers, and reducing to a few km in heavy bursts. A band of cloud Wednesday morning with bases 300-500m. This generally clearing in the afternoon, but cloud increasing in the evening again, bases 400-500m.

Temperature: **Valleys:** 13 deg C becoming 21 deg C.
At 600m: 11 deg C becoming 15 deg C.
Freezing level: Above summits.

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